

Higgs Boson in Lepton Decay Modes at CMS

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The results on the Standard Model Higgs Boson in lepton decay channels with pp collision data at 7 and 8 TeV center-of-mass energies collected by the CMS detector at the LHC will be summarized. A direct evidence of the Higgs-fermion coupling is established with the tau pair decay mode. Searches for Higgs Bosons decaying to leptons in scenarios Beyond the Standard Model such as supersymmetry will also be reported.

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